

SPECIFICATIONS

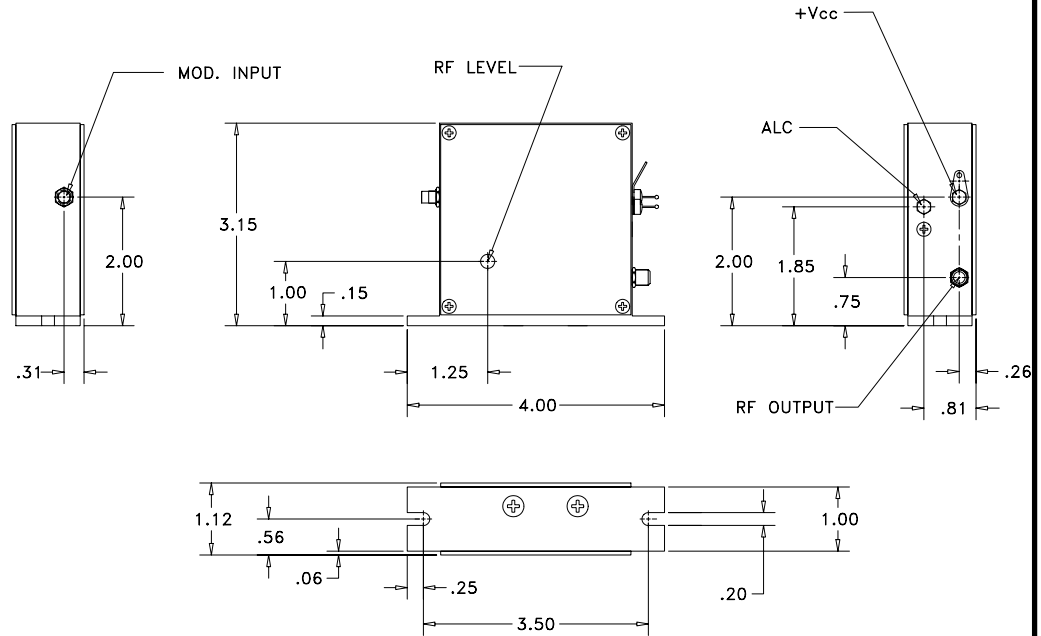
OUTLINE DRAWING

Modulation Input

Input Impedance 50 Ohms
 Analog Input (SMB Male) 0 to +1.0 VDC

RF Output

Center Frequency (Fc) 350 MHz \pm 0.1%
 Output Power (SMA Female) 1.0 W
 Rise/Fall Time 3 nsec typ.
 RF Contrast Ratio 35 dB min
 Harmonic Distortion -30 dBc
 Output Impedance 50 Ohms
 Output VSWR 1.5 : 1 Max
 Bandwidth 230 MHz
 Power Supply Voltage (Vcc) +24 V @ 500 mA \pm 10%



Notes:

1. The slope of the RF output power vs. the input signal voltage curve shall be non-zero and positive at all points between 0 and 1.0 Volts input, inclusive.
2. Output power factory set to 1.0 W at a 1.0 V, 30 mA input. Power stability less than 5% over the heat sink's ambient temperature range of 0-40° C, after 5 minute warm-up.
3. When calculating the contrast ratio, it is understood that only the power of the 350 MHz fundamental shall be used. The higher harmonics have no effect on the AO modulator's performance.

For Reference Only

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TOLERANCES: .XX \pm .01 .XXX \pm .005	DR	Gerl Scholz 9/18/2002	Crystal Technology, Inc. DESCRIPTION: AODR 1350AF-AIF0-1.0
MATERIAL:	CHK		
FINISH:	APP		
	APP		PART NUMBER: 97-02207-20
			REV: D
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